

PLANAR ANTENNA FITTED WITH A REFLECTOR

MIKAMI, et al.

Appl. No.: Unknown

Atty Docket: ASA-009

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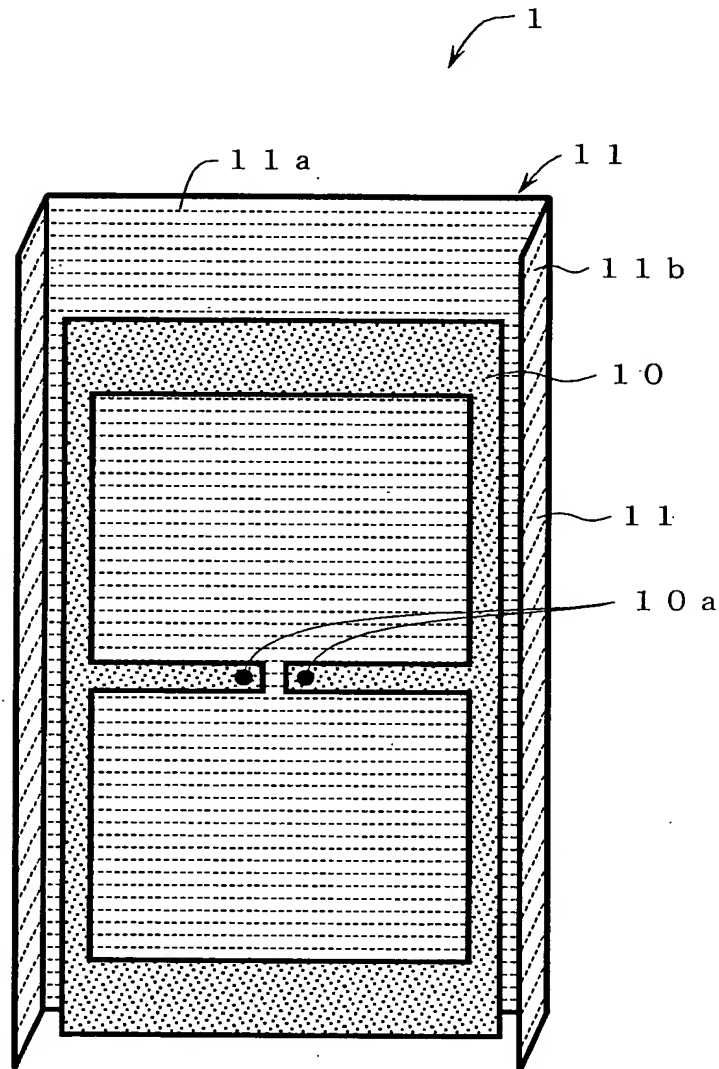


FIG. 1

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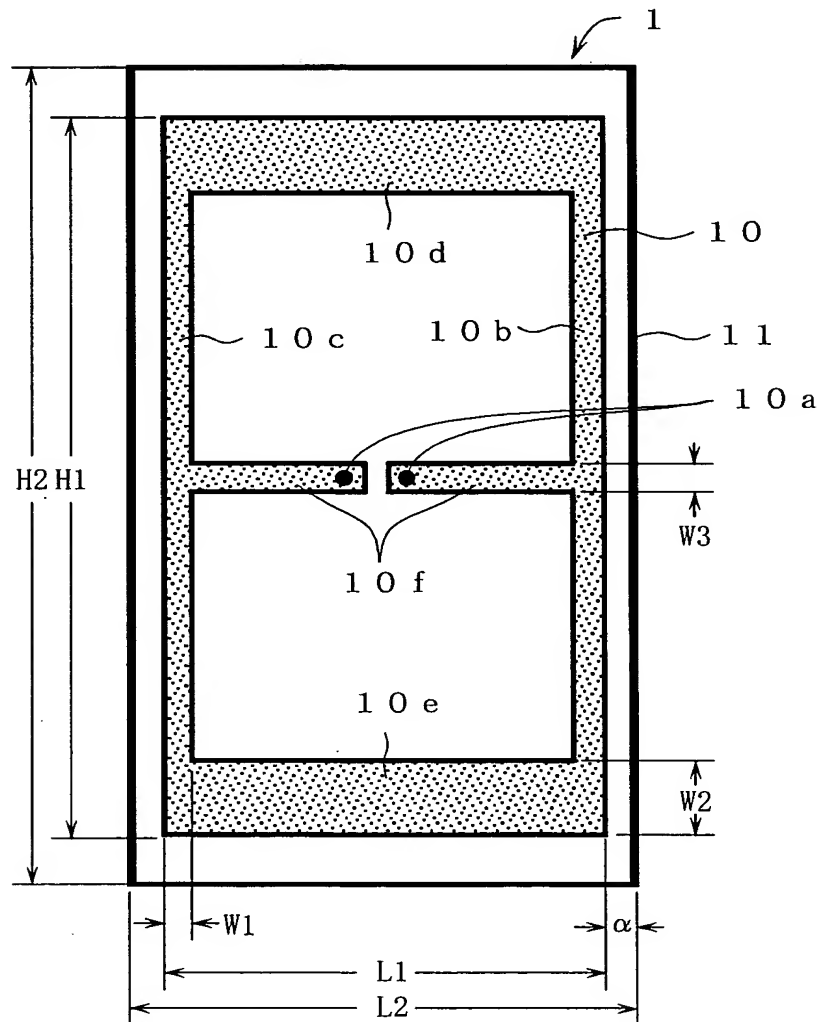


FIG. 2

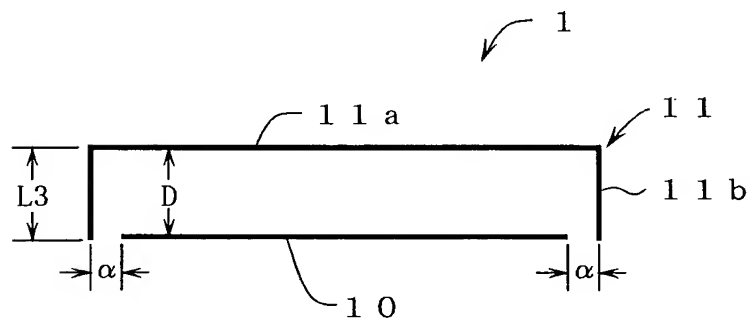


FIG. 3

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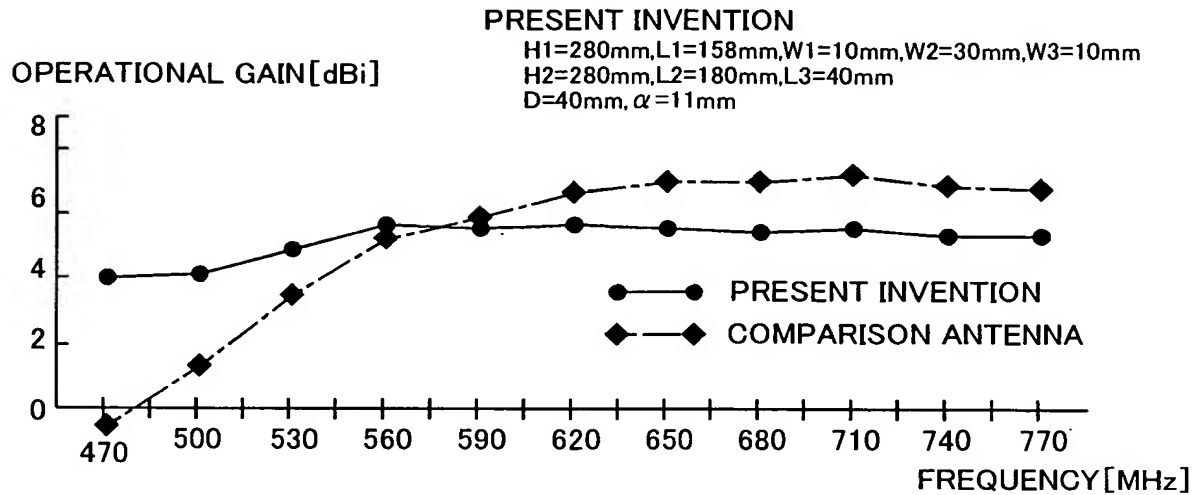


FIG.4

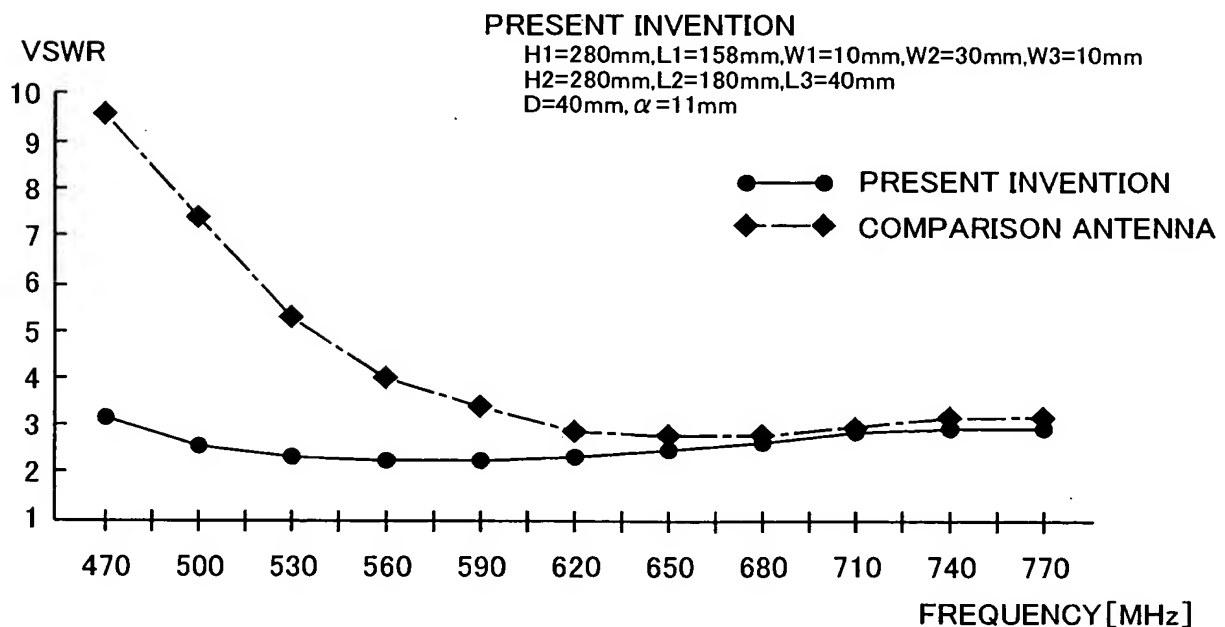


FIG.5

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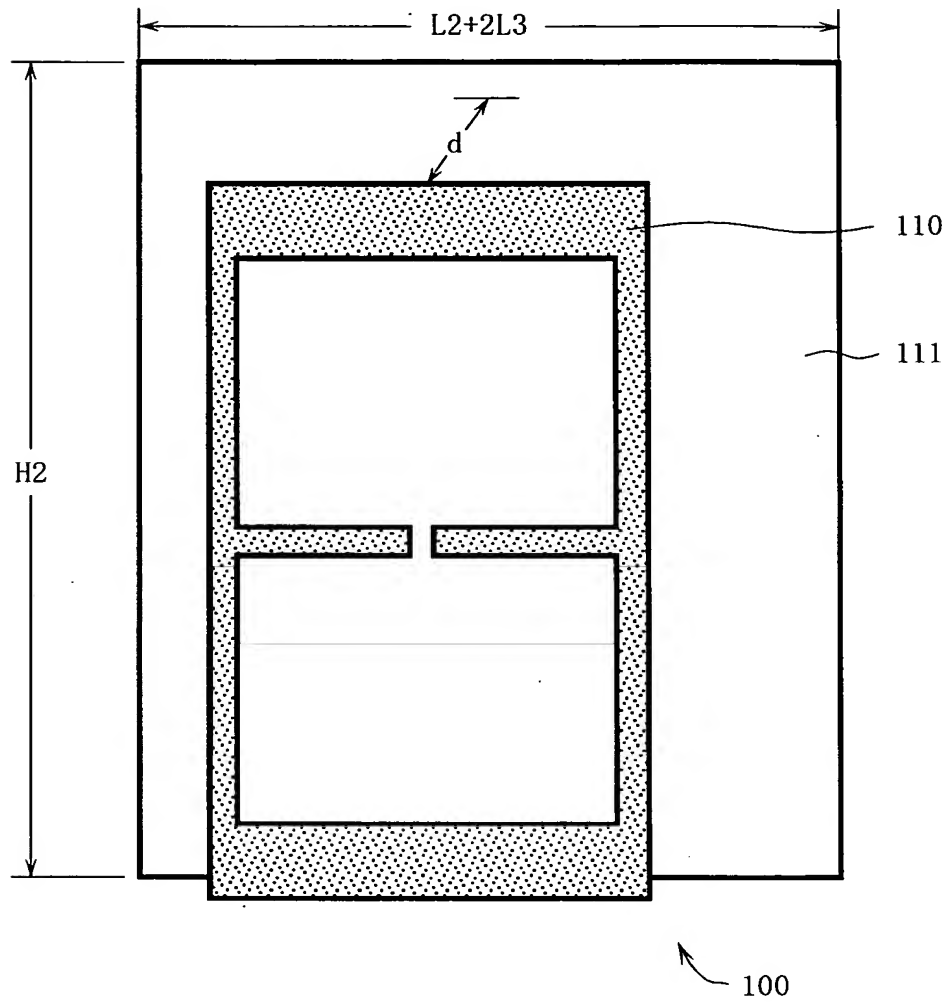


FIG. 6

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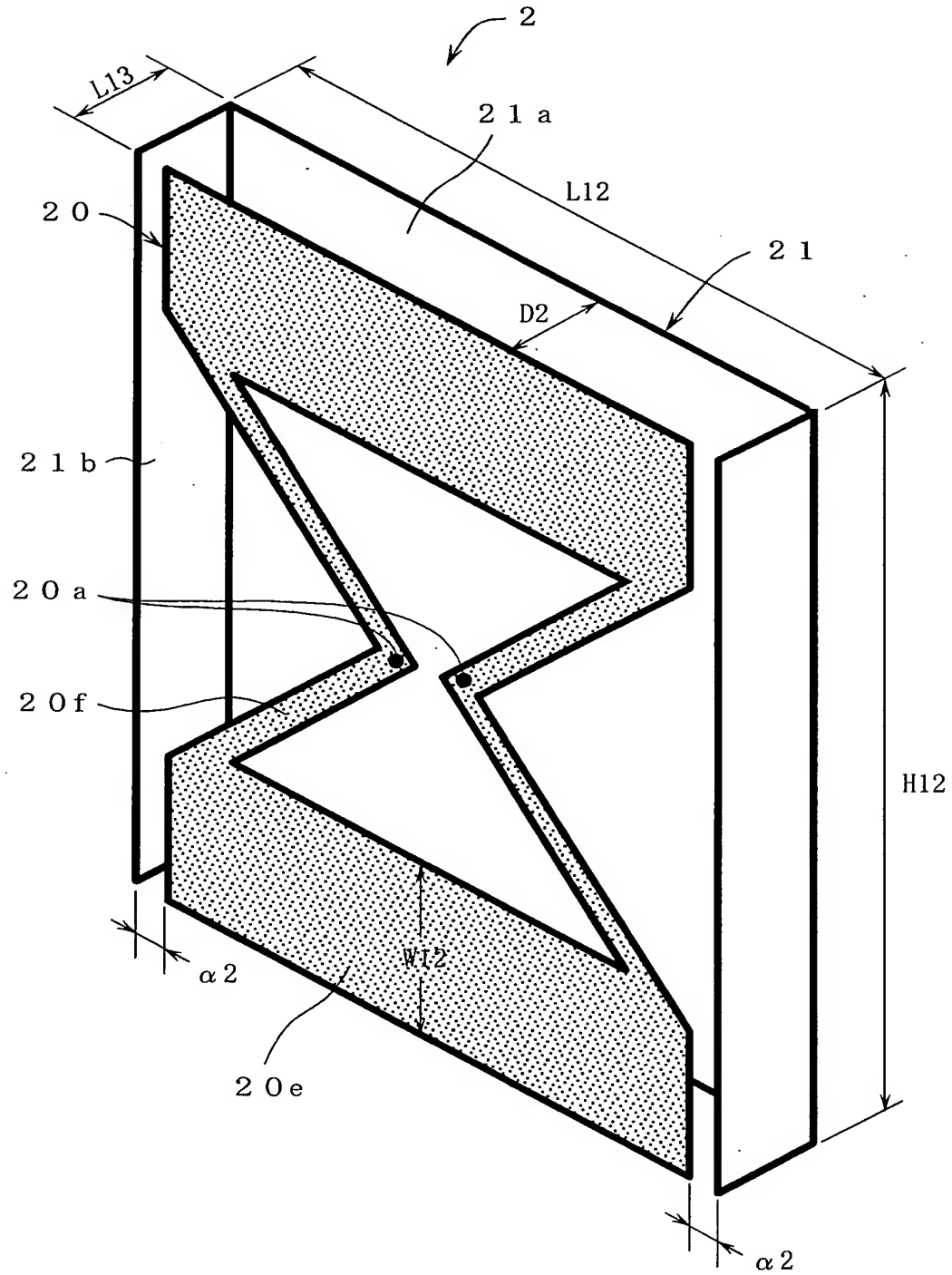


FIG. 7

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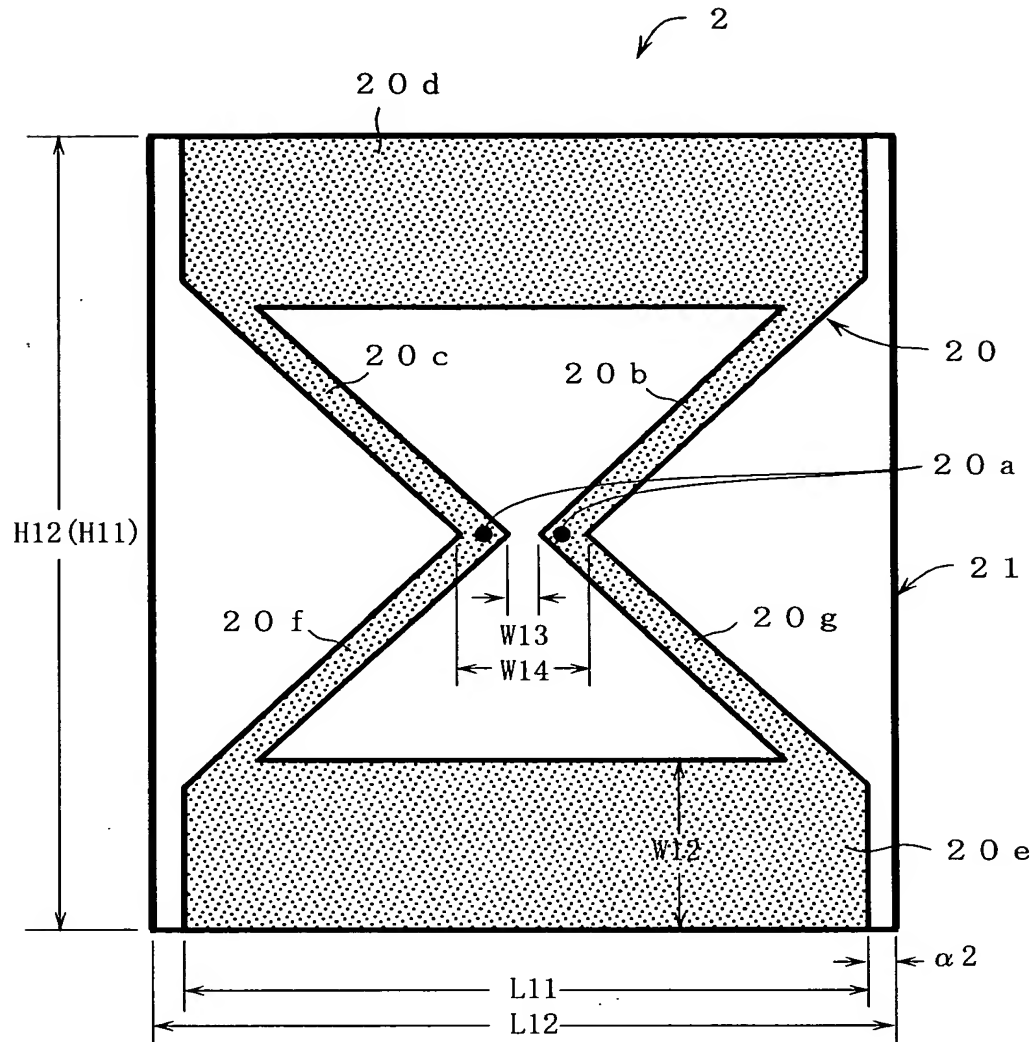


FIG. 8

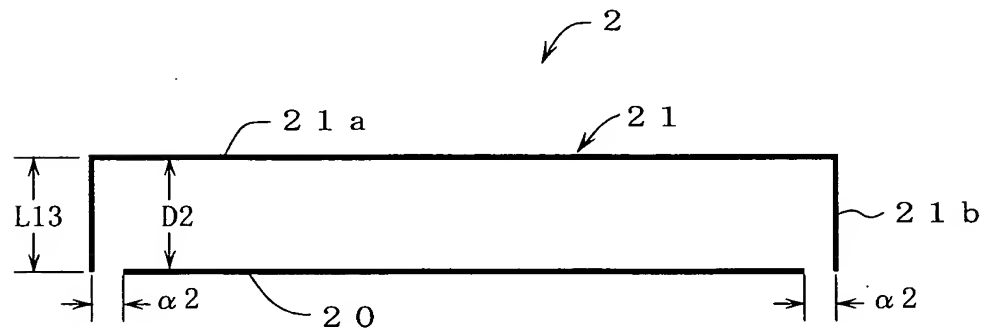


FIG. 9

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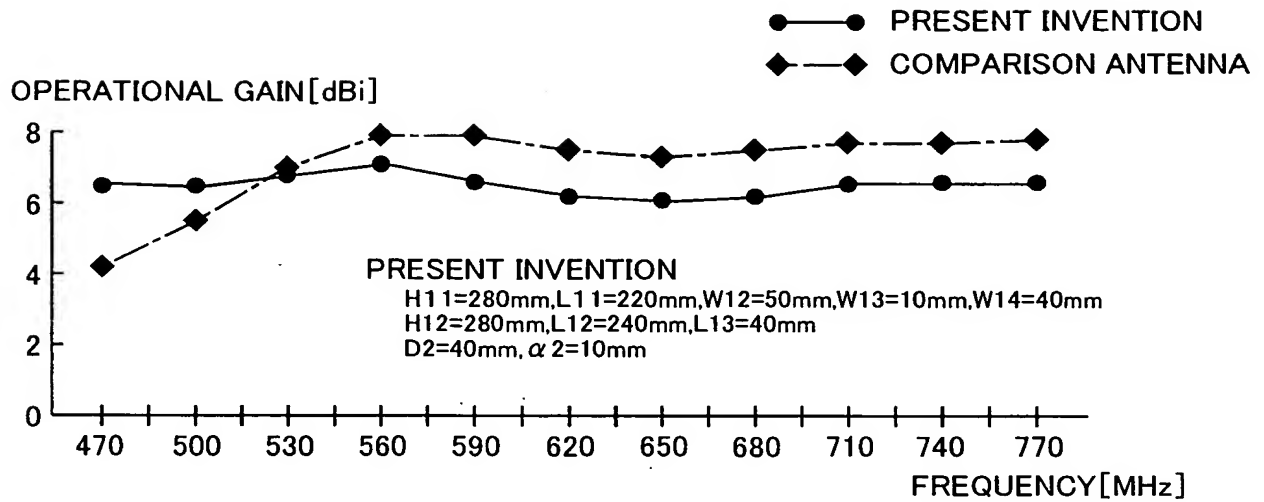


FIG.10

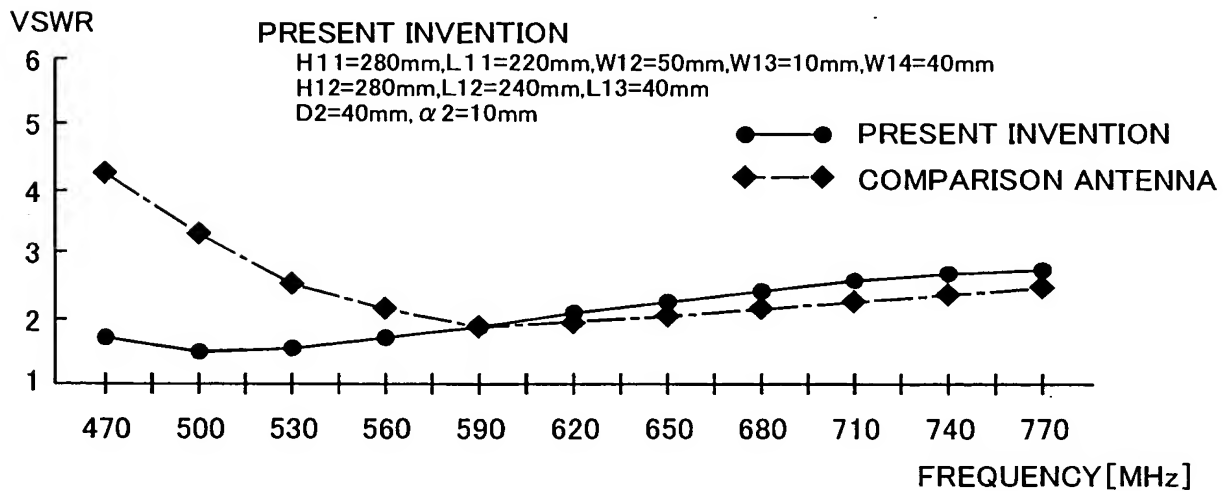


FIG.11

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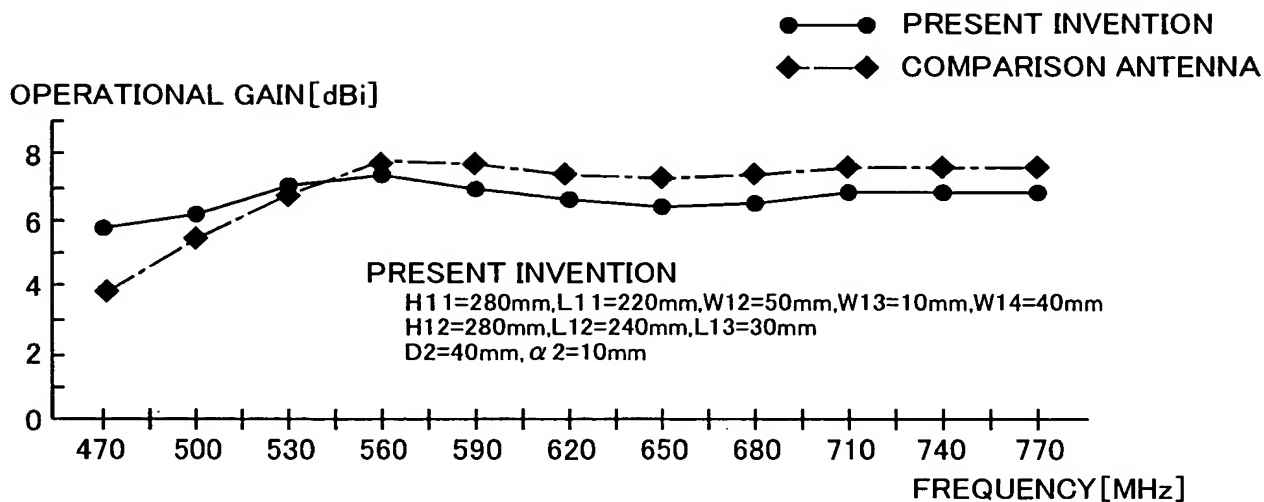


FIG.12

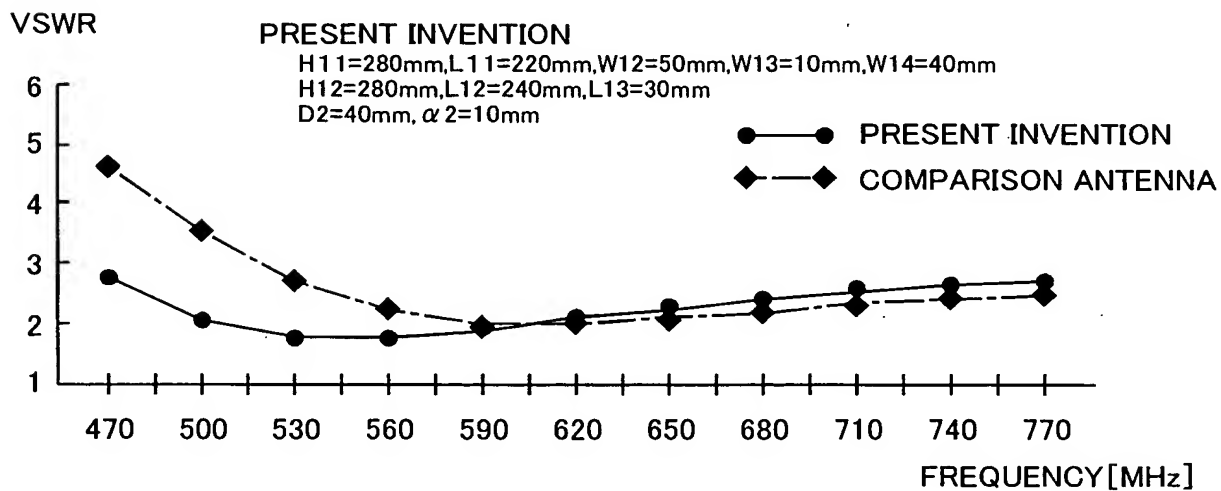


FIG.13

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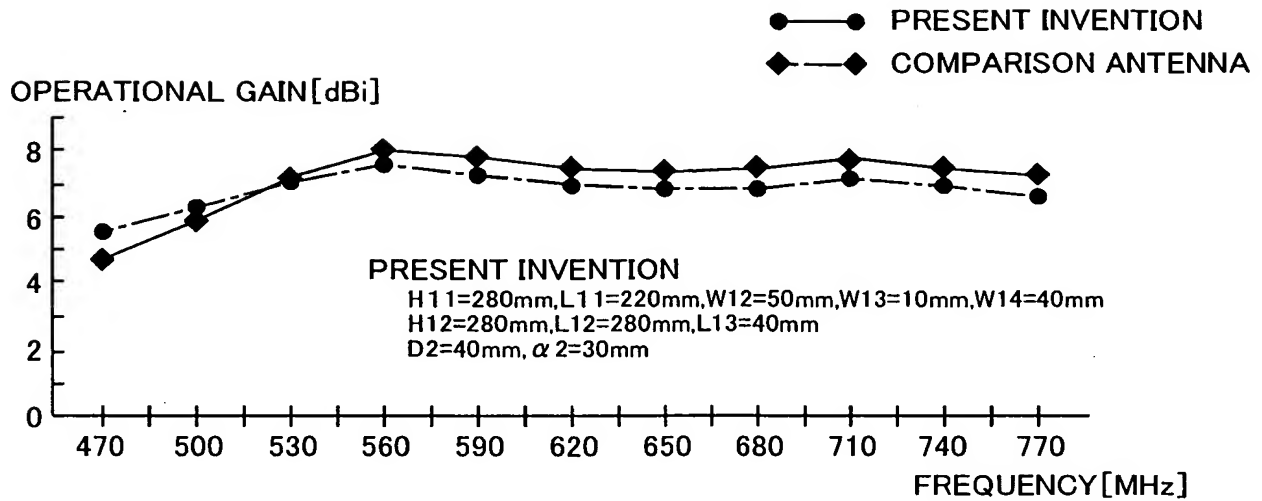


FIG.14

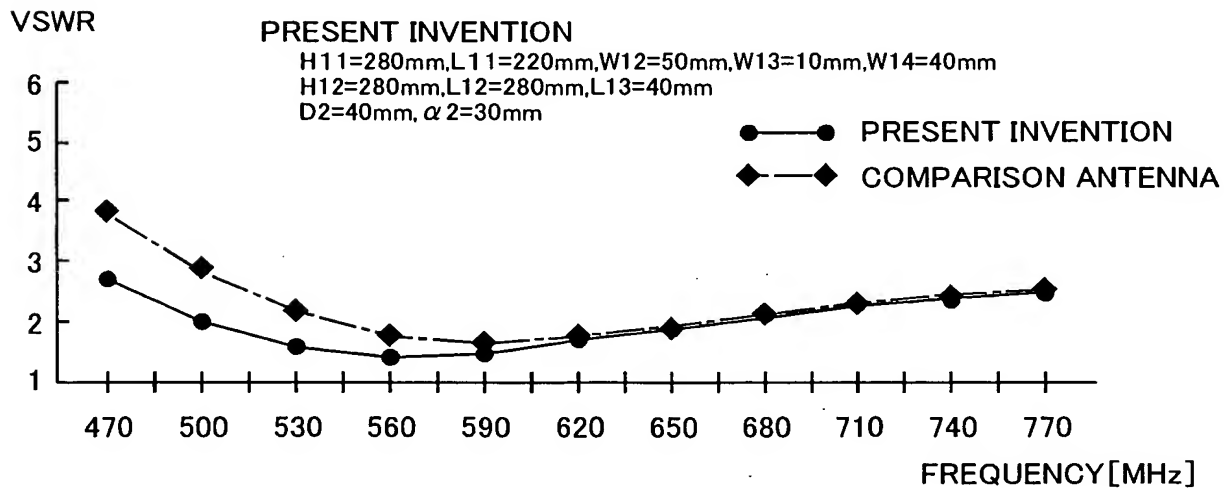


FIG.15

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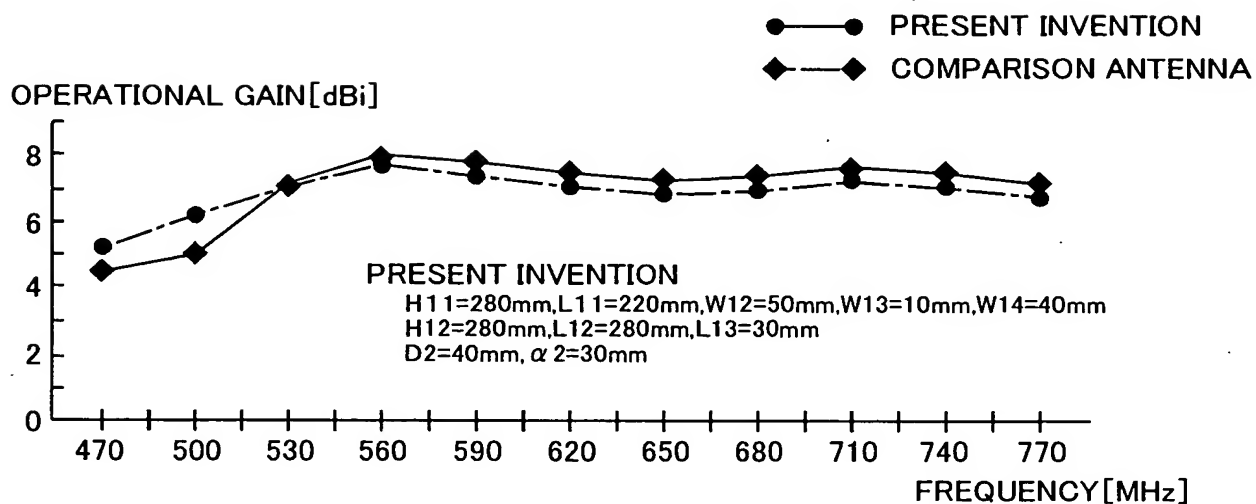


FIG.16

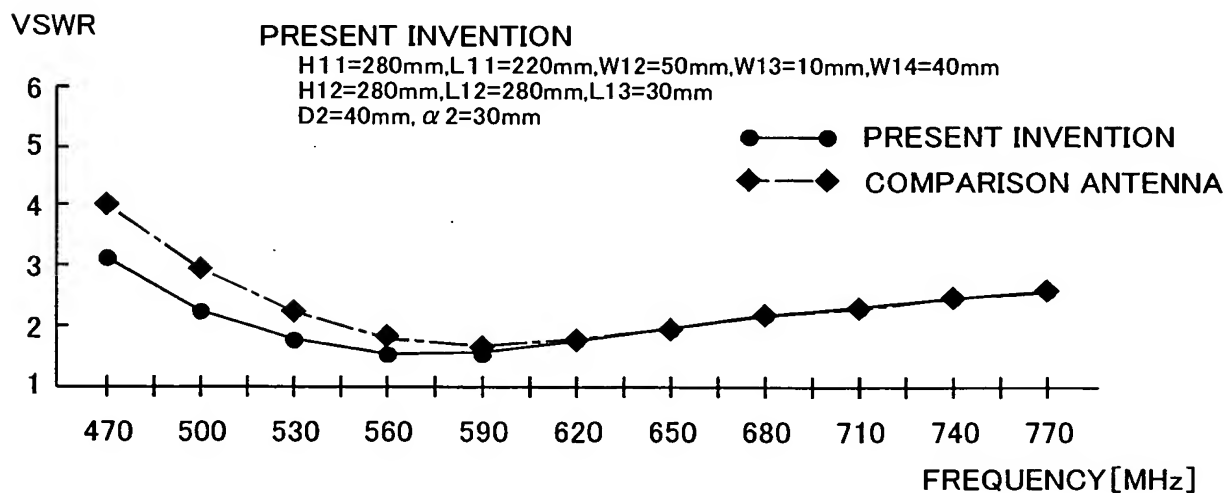


FIG.17

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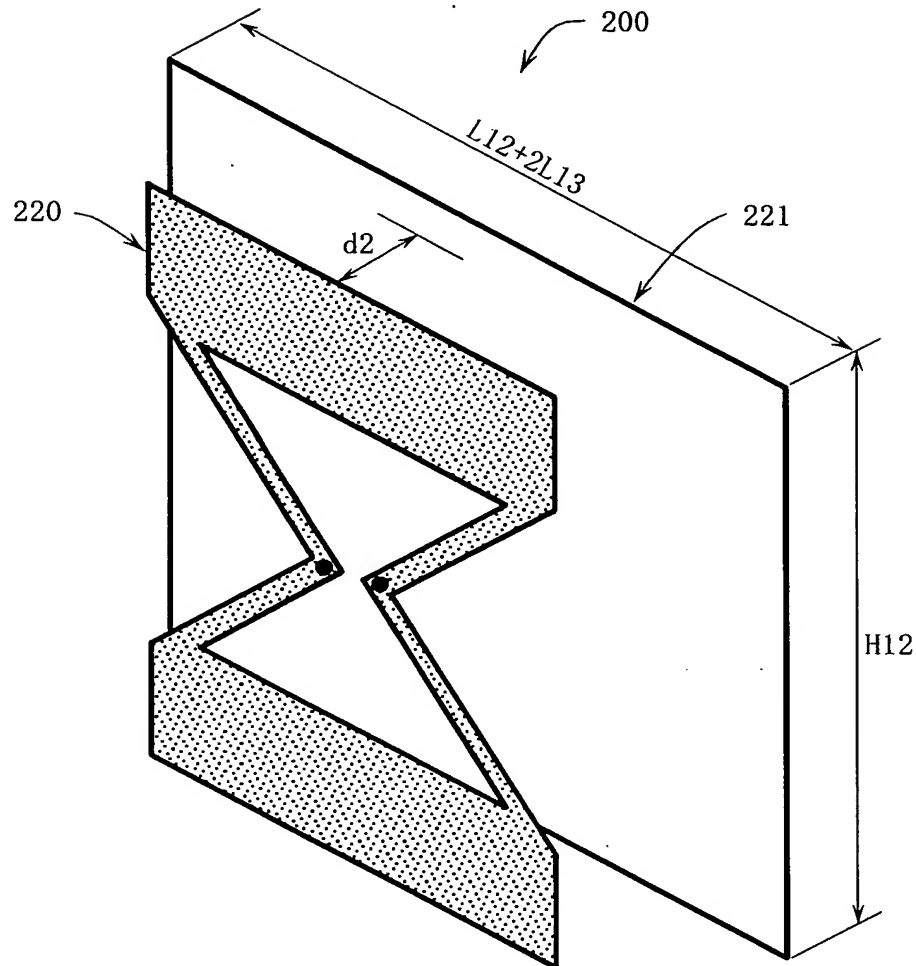


FIG.18

| D2 | L13 | $\alpha 2$ | DEGREE OF IMPROVEMENT (GRAPH READOUT VALUE OF VSWR) | | REMARKS |
|----|-----|------------|--|------------------------------|---------|
| | | | FREQUENCY OF IMPROVEMENT[MHz] | MAXIMUM IMPROVEMENT VALUE | |
| 30 | 30 | 10 | 470~620 | 1.8(470MHz) | |
| | | 30 | 470~620 | 1.0(470MHz) | |
| 40 | 30 | 10 | 470~590 | 1.9(470MHz) | FIG.12 |
| | | 30 | 470~590 | 0.9(470MHz) | FIG.16 |
| | 40 | 10 | 470~560 | 2.6(470MHz) | FIG.10 |
| | | 30 | 470~590 | 1.2(470MHz) | FIG.14 |
| | 70 | 10 | 470~560 | 2.7(470MHz) | |
| | | 30 | 470~590 | 1.7(470MHz) | |
| 70 | 70 | 10 | 470 | 0.5(470MHz) | |
| | | 30 | 470 | 0.5(470MHz) | |

FIG.19

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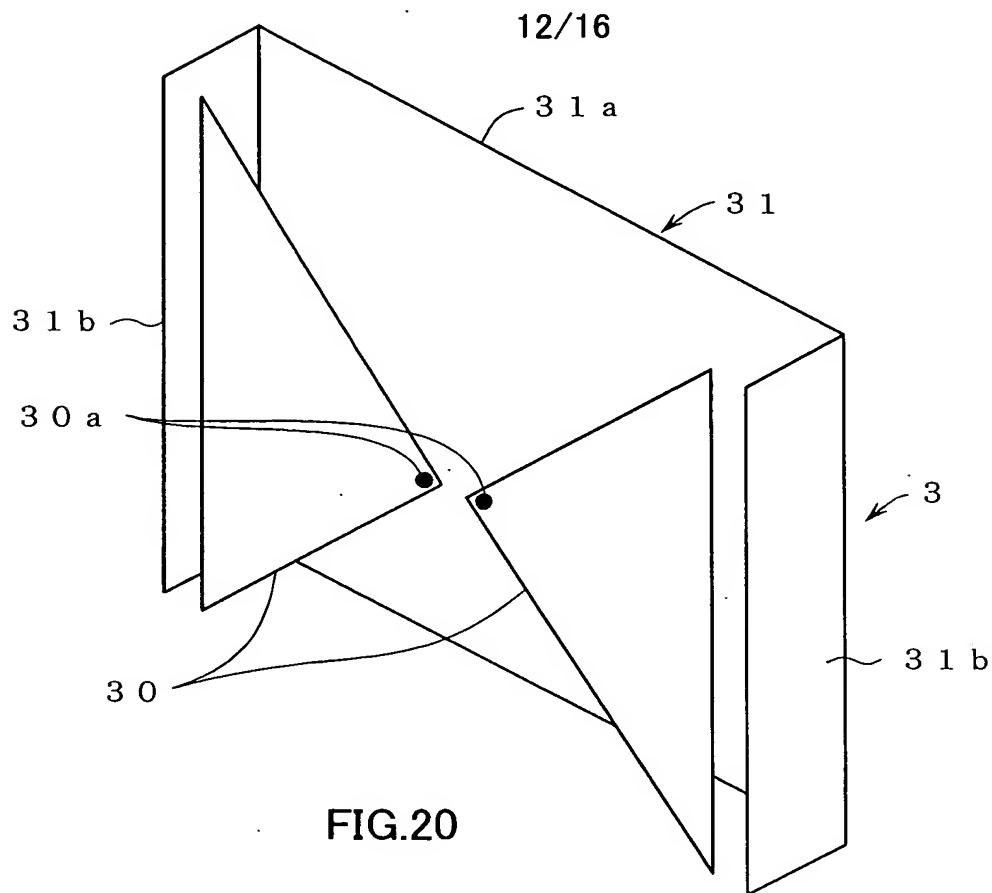


FIG. 20

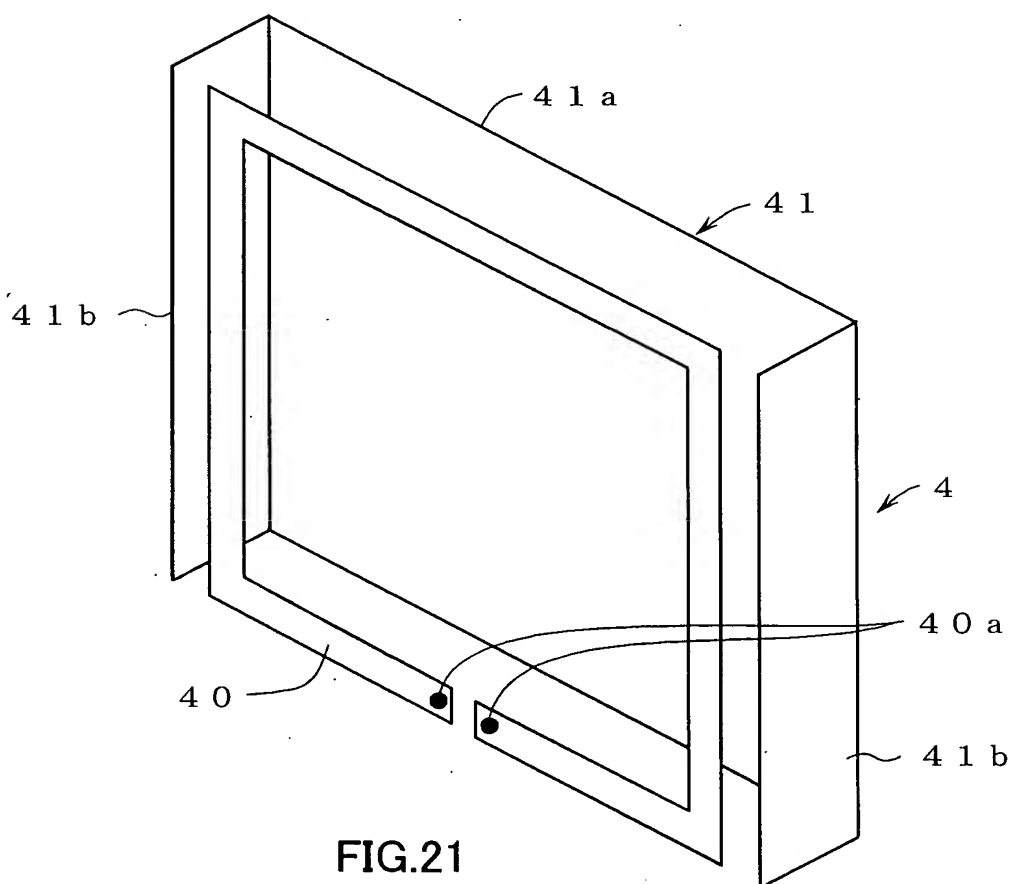


FIG. 21

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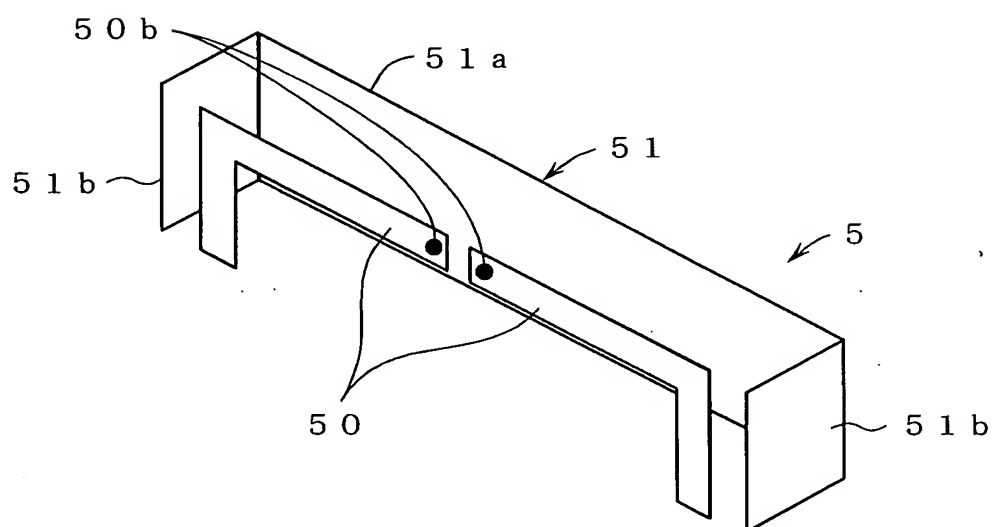


FIG. 22

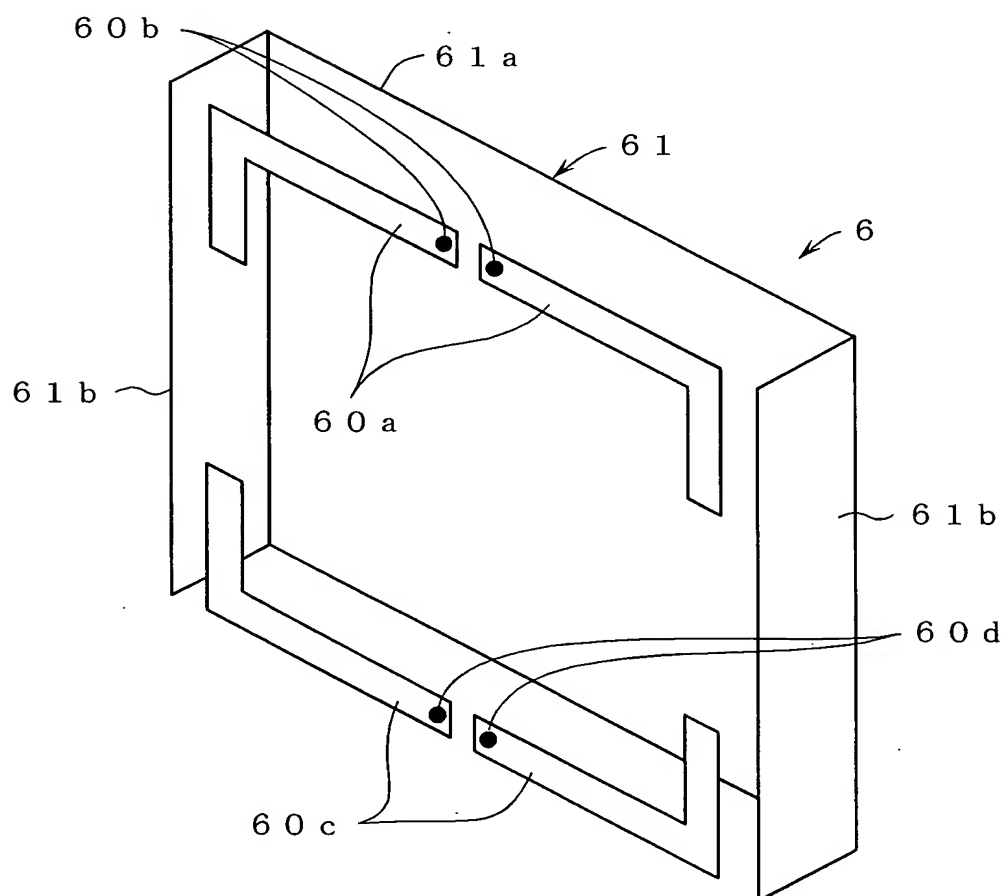


FIG. 23

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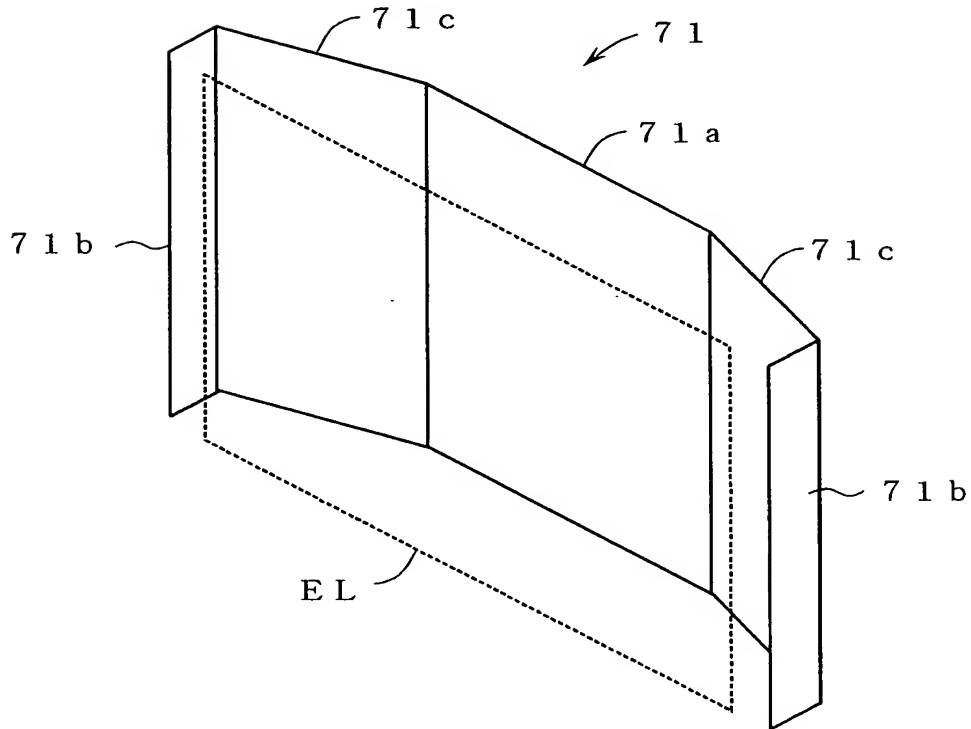


FIG. 24

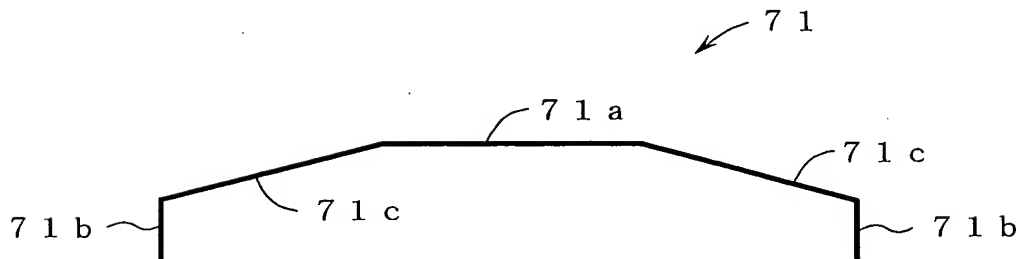


FIG. 25

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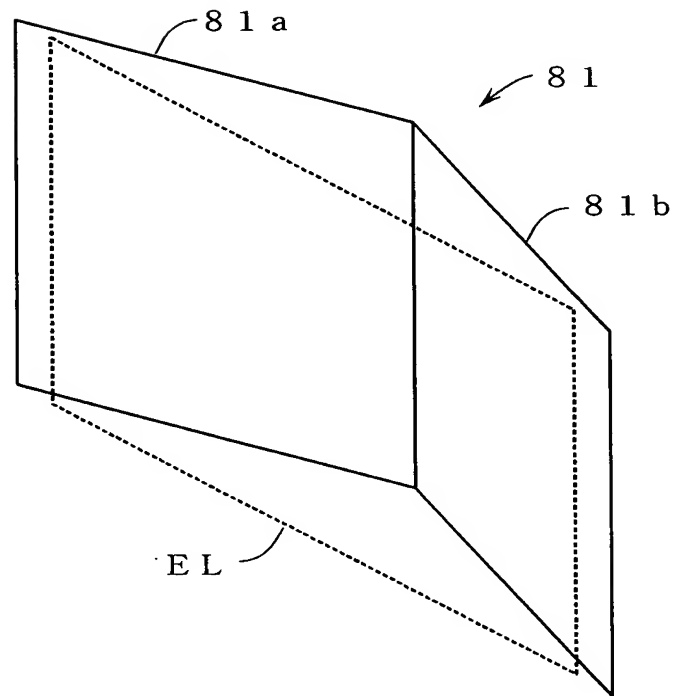


FIG. 26

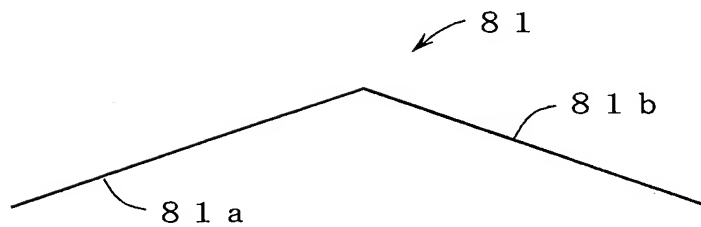


FIG. 27

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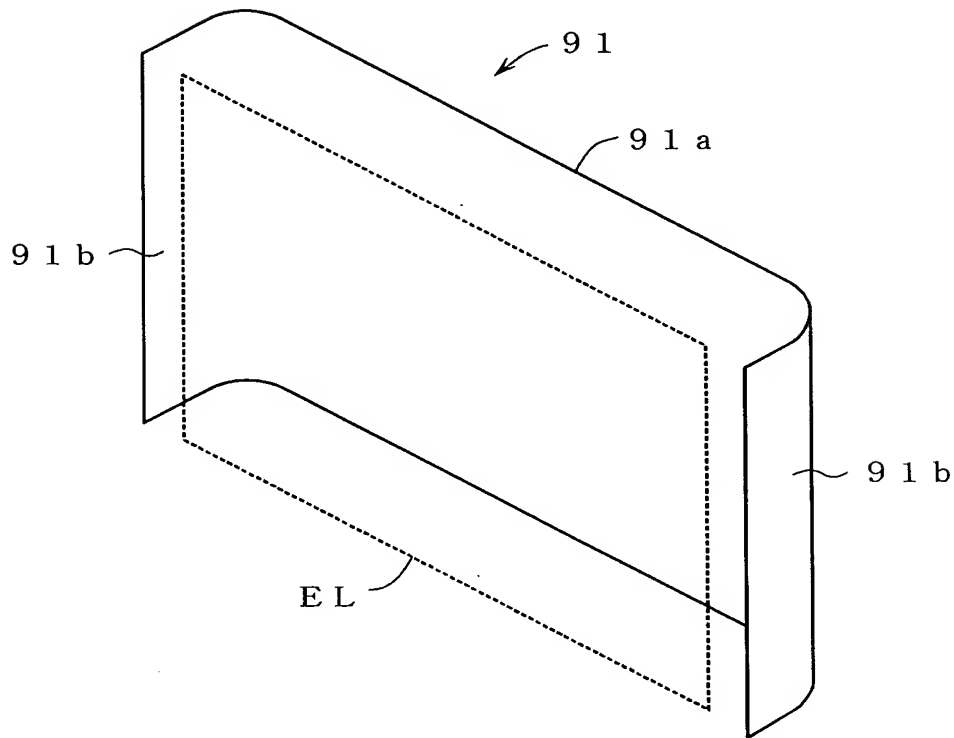


FIG. 28

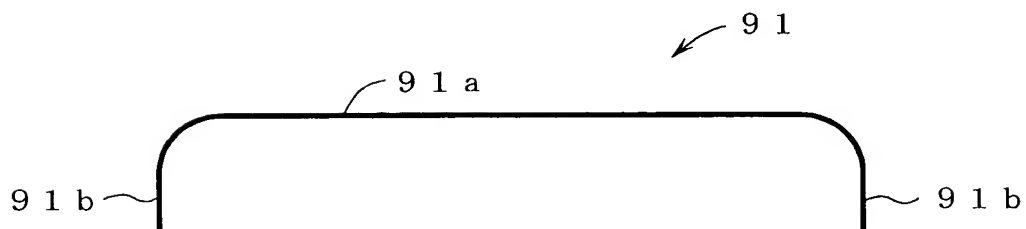


FIG. 29